

5. (Amended) The receptor protein H4-1BB produced by
- a) [inserting the cDNA of H4-1BB into an appropriate expression vector,
  - b)] [transfected said] introducing an expression vector into an appropriate transfection host cell, wherein the expression vector comprises a DNA encoding a polypeptide having SEQ ID NO:2 or a fragment thereof;
  - [c)](b) growing said transfected [hosts] cell in appropriate culture media and
  - [d)](c) purifying the receptor protein from said culture media.

24. (Three times amended) A purified soluble H4-1BB polypeptide, wherein said polypeptide comprises the extracellular domain of [H4-1BB (amino acids 24-186 of] SEQ ID NO:2 or a fragment thereof ().

Please add the following new claims:

27. (New) A soluble H4-1BB protein produced by
- a) introducing an expression vector into an appropriate host cell to yield a transfected host cell, wherein the expression vector comprises a DNA molecule encoding the extracellular domain of H4-1BB having SEQ ID NO:2 or a portion thereof;
  - b) recovering the protein from the host cell.
28. (New) The soluble H4-1BB protein of claim 27 wherein the DNA molecule hybridizes to SEQ ID NO:3, SEQ ID NO:4, SEQ ID NO:5, SEQ ID NO:6, SEQ ID NO:7, SEQ ID NO:8, or a combination thereof.
29. (New) The soluble H4-1BB protein of claim 27 wherein the DNA molecule encodes amino acid residues 1-186 of SEQ ID NO:2.